

DERWENT-ACC-NO: 1984-039696

DERWENT-WEEK: 198407

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TITLE: Pressure-sensitive adhesive tape - comprising laminate of polystyrene and low density polyethylene

PATENT-ASSIGNEE: ASAHI CHEM IND CO LTD[ASAH], CEMEDINE CO LTD[CEME], SAN EI KAGAKU KOGYO[SANE]

PRIORITY-DATA: 1982JP-0110577 (June 29, 1982)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|-----------------|----------|-------|----------|
| JP 59001583 A | January 6, 1984 | N/A | 005 | N/A |

APPLICATION-DATA:

| PUB-NO | APPL-DESCRIPTOR | APPL-NO | APPL-DATE |
|--------------|-----------------|----------------|---------------|
| JP 59001583A | N/A | 1982JP-0110577 | June 29, 1982 |

INT-CL (IPC): C09J007/02

ABSTRACTED-PUB-NO: JP 59001583A

BASIC-ABSTRACT:

Tape made of synthetic laminate film whose unwinding force by JIS-Z-1522 is 80-400 g/10mm, comprises laminate film consisting of polystyrene film and low density polyethylene film, of which at least the latter film is treated with corona discharge. Either surface of the laminate film coated with hot melt adhesive. The other surface is coated with 1 or more (mixed) chrome complex salts as release medium of formula (I) in an amt. of 15-100 mg/m² as solids content (where R is 14-18C alkyl).

Tape can be unwound with adequate force and with least static build-up. Pref. polystyrene film is a bi-oriented type made of polystyrene homopolymer opt. with butadiene, acrylonitrile, butadiene-acrylonitrile copolymer, etc. added. The polyethylene film is of polyethylene homo- or copolymer e.g. with vinyl acetate. The adhesive comprises e.g. 100 pts. thermo-plastic elastomer (e.g. styrene-isoprene-styrene block copolymer), 40-200 pts.wt. tackifier (e.g. rosin), 10-100 pts.wt. plasticiser, etc.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: PRESSURE SENSITIVE ADHESIVE TAPE COMPRISE LAMINATE POLYSTYRENE LOW DENSITY POLYETHYLENE

DERWENT-CLASS: A81 E12 G03

CPI-CODES: A04-C02E; A04-G02E1; A08-M03; A12-A01; A12-A05A; E05-L03A; G03-B02B; G03-B04;

CHEMICAL-CODES:

Chemical Indexing M3 *01*